

FIG 1

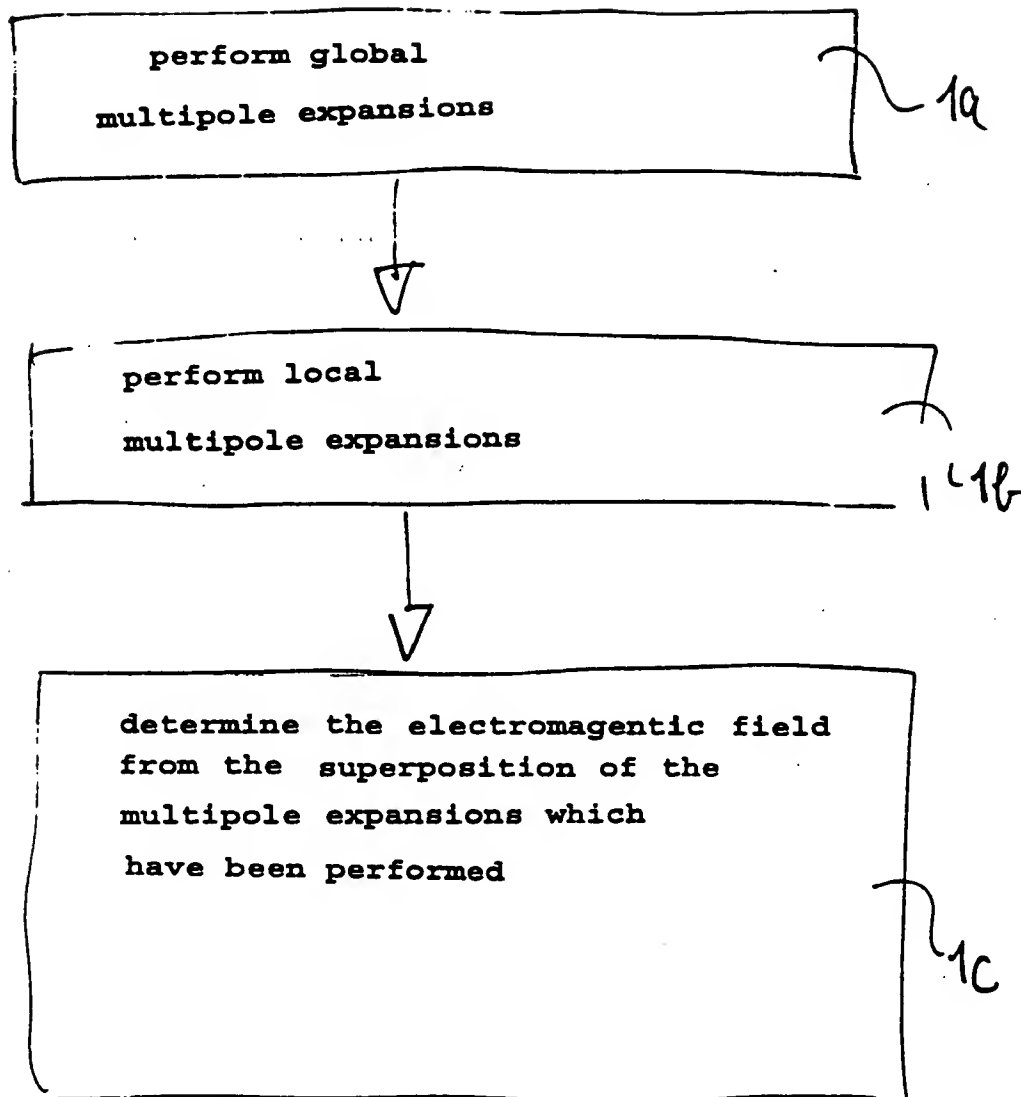


FIG 2

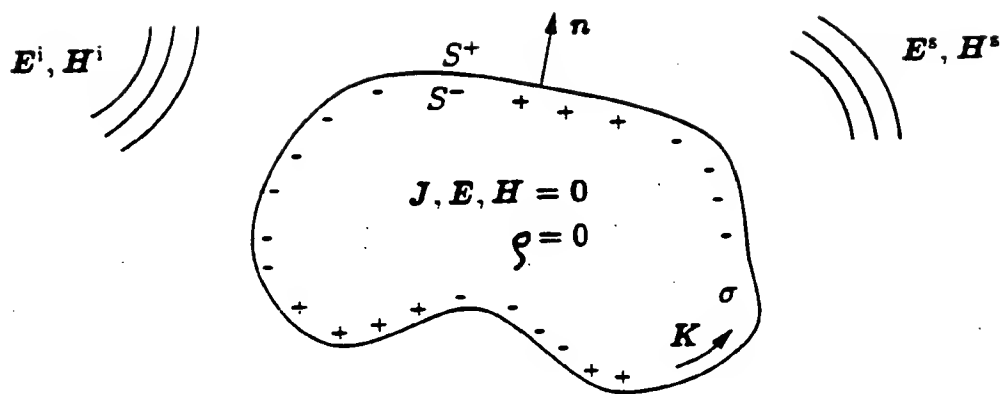


FIG 3

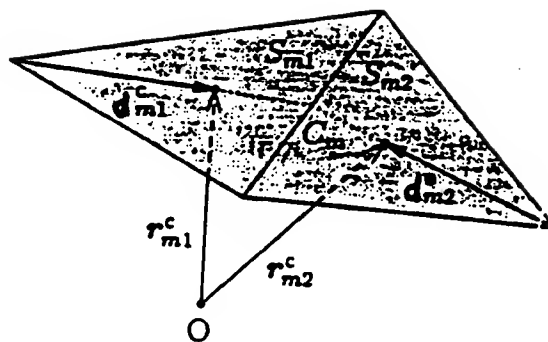


FIG 4

source element n observer element

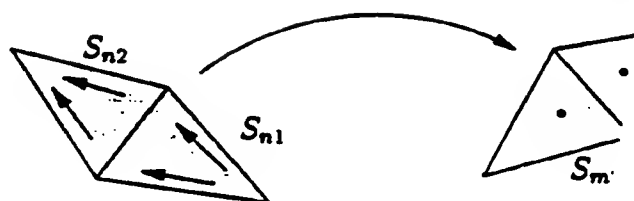


FIG 5a

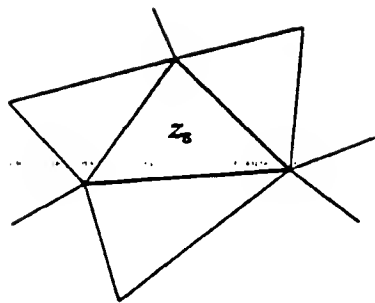


FIG 5b

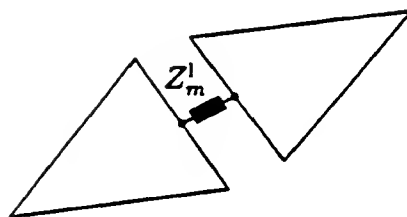


FIG 6

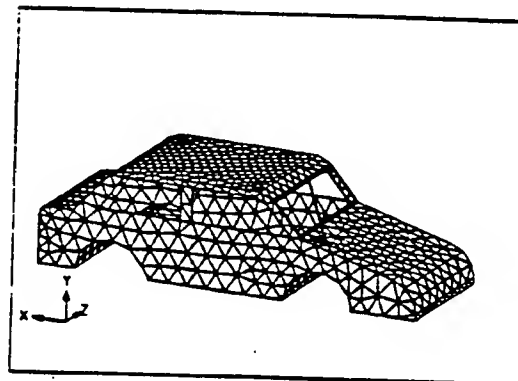
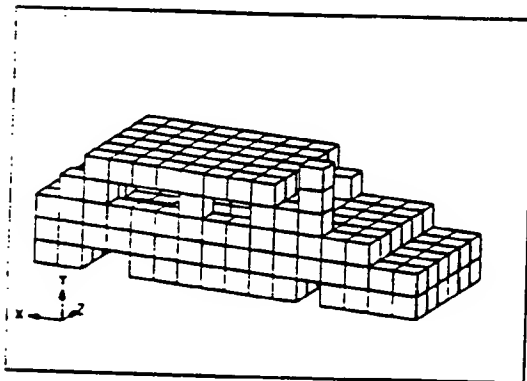
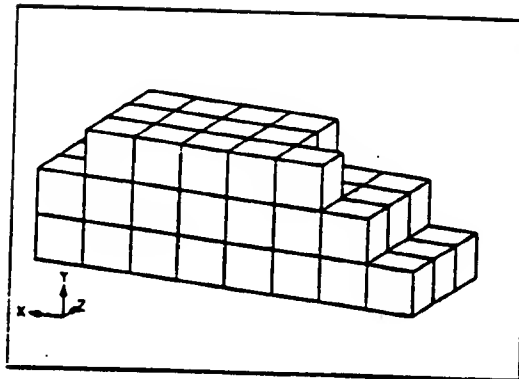
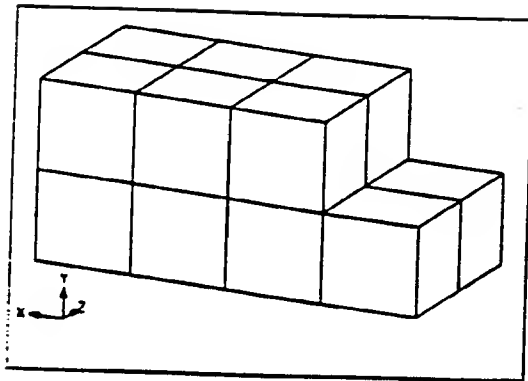


FIG 7

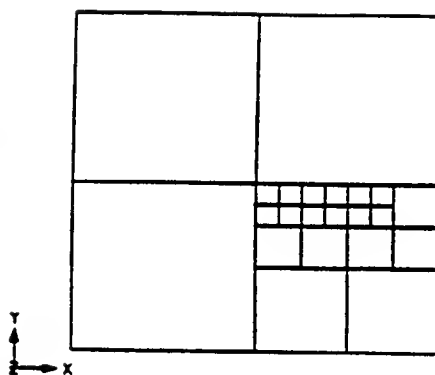
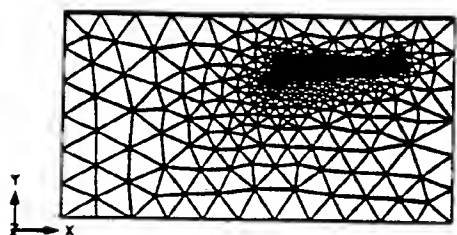


FIG 8

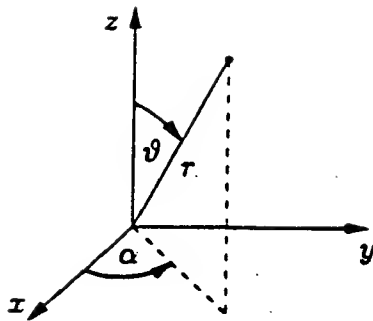


FIG 9a

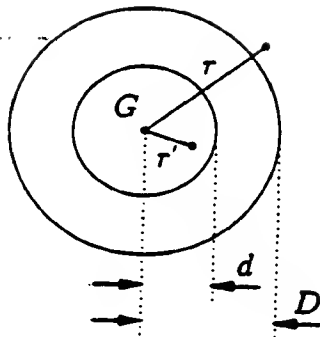


FIG 9b

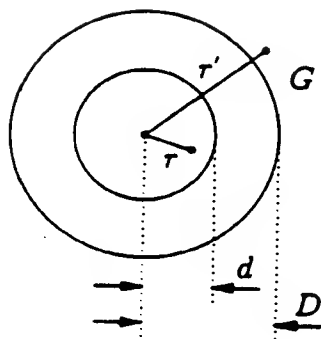


FIG 10a

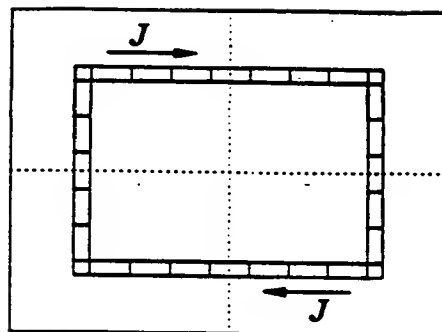


FIG 10b

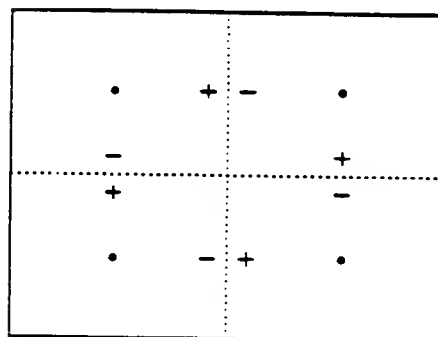
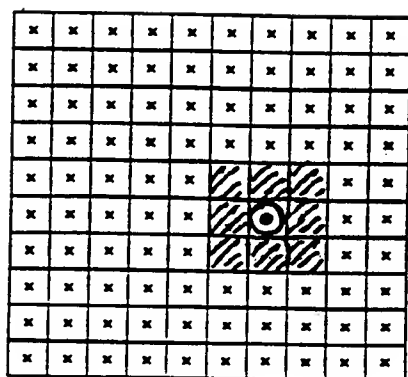


FIG 11



observer region BG



neighbouring regions NG



distant regions WEG



global multipole expansion GMPE



local multipole expansion LMPE

FIG 12

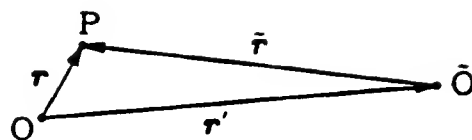
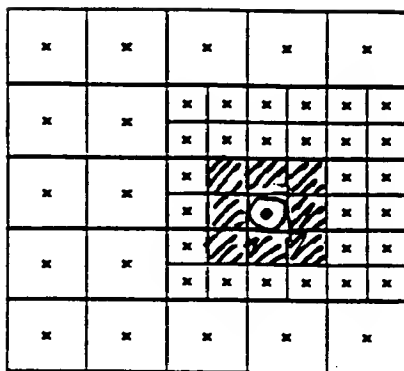





FIG. 13




 observer region BG

 neighbouring regions NG

 distant regions WEG

 global multipole expansion GMPE

 local multipole expansion LMPE